U.S. Petent and Trademert Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless & displays a valid C

SEARCH FEE (2) CFR 1 16(0) (0) (10)	Р	PATENT	APPL	JCAT	ION FEE D	ETERMINA'	ПОІ	RECOR	0		14	optication or Doca	of Number	
Column 1)		A COOL	(C A T : C -				LIECI	we Decembe	or 6, 20	U 4	1	21/1		2
BASIC FEE							—	SMALL ENTITY			0	OTH R SMA	IER THAN LL ENTIT	Y 1
137 CFR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			NUMBER FILED		ED N	NUMBER EXTRA		RATE (S)		FF AL	7			
SEARCH FE SIZE CR TOTAL	[37 CFR 1 16(a), [b], a [c])			N/A		N/A					1			E (\$)
EXAMINATION FIG. Did (col.)		or (m))		N/A		N/A	7	N/A			1	 		
TOTAL CLAIMS (3) GP 1 16(1) minus 20 = X\$ 25 = X\$ 25 X\$ 25 X\$ 25 X\$ 20 X			NA			'N/A					-{	ļ	\$500	
INDEPENDENT CLAIMS (37 CFR 1 16(n)) If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets of faction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s) If the difference in column 1 is less than zero, enter 'D' in column 2. TOTAL APPLICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 3) (Column 3) (Column 3) (Column 4) (Column 4) (Column 5) (Column 6) (Column 7) (Column 7) (Column 7) (Column 8) (Column 8) (Column 8) (Column 8) (Column 8) (Column 8) (Column 9) (Column 9) (Column 1) (Column 9) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 1) (Column 2) (Column 3) (Column 1) (Column 1) (Column 2) (Column 3) (Column 3) (Column 4) (Column 3) (Column 4) (Column 4) (Column 2) (Column 3) (Column 3) (Column 4) (Column 2) (Column 3) (Column 3) (Column 3) (Column 4) (Column 3) (Column 3) (Column 3) (Column 4) (Column 3) (Column 3) (Column 4) (Column 4) (Column 3) (Column 3) (Column 4) (Column 4) (Column 3) (Column 3) (Column 4) (Column 4) (Column 5) (Column 6) (Column 6) (Column 7) (Column 7) (Column 8) (Column 1) (Column 8) (Column 8) (Column 8) (Column 1) (Column 8) (Column 1) (Column	TOTAL CLAIMS								+-*	100	4		\$200	<u> </u>
APPLICATION SIZE FEE (37 CR 1 16(s)) MULTIPLE DEPENDENT CLAIM PRESENT (37 CR 1.16(s)) HI the difference in column 1 is less than zero, enter 10 in column 2. TOTAL APPLICATION AS AMENDED – PART II CColumn 1) CColumn 2) CColumn 3) MINISER AMENDMENT PREVIOUSLY EXTRA PAID FOR 1.16(s) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g)) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g)) CCOlumn 1) CColumn 2) CColumn 3) CCOLUMN 1 Minus Total APPLICATION AS AMENDED – PART II CCOLUMN 1 APPLICATION AS AMENDED – PART II CCOLUMN 1 CCOLUMN 1 Minus TOTAL APPLICATION AS AMENDED – PART II CCOLUMN 2 AMENDMENT PREVIOUSLY EXTRA PAID FOR TOTAL APPLICATION AS AMENDED – PART II CCOLUMN 1 APPLICATION AS AMENDED – PART II CCOLUMN 1 Minus TOTAL APPLICATION AS AMENDED – PART II CCOLUMN 2 APPLICATION AS AMENDMENT PREVIOUSLY EXTRA PAID FOR TOTAL AMENDMENT PREVIOUSLY EXTRA PAID FOR CCOLUMN 1) CCOLUMN 2) CCOLUMN 3 CCALIMS REMAJINING REMAJIN	INDEPENDENT CLAIMS		minus 20 e		\$ 20 .				<u>·</u>		∫ Œ	X\$50	•	
APPLICATION SIZE Sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) If the difference in column 1 is less than zero, enter 'U' in column 2. APPLICATION AS AMENDED - PART II CCOlumn 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY OR OTHER THAN SMALL ENTITY OR SMALL ENTITY OR OTHER THAN	(37 CFR 1 16(h))							X100 .				X200		
APPLICATION AS AMENDED - PART II COlumn 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY CLAIMS REMAINING AFTER PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR TOTAL Total (3) CFR 1.18(3)	EE	ZE	sneets of is \$250 (: additiona	f paper. \$125 fo Il 50 sh	, the application or small entity) eets or fraction	n size fee due for each n thereof. See								
APPLICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY (CALIMS REMAINING AFTER AMENDMENT PREVIOUSLY EXTRA PAID FOR PREVIOUSLY EXTRA PAID FOR TOTAL (37 CFR 1.16(1)) (DI Independent (17 CFR 1.16(1)) (Column 2) (Column 3) (COLUMN 1) (COlumn 2) (Column 3) (COlumn 4) (COlumn 3) (COLUMN 1) (COlumn 2) (Column 3) (COlumn 4) (COlumn 4) (COlumn 3) (COlumn 4) (COlumn 4) (COlumn 3) (COlumn 4) (COlum								+180=				+360=	-	
APPLICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY (Column 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY (Column 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY (Column 1) (Column 2) (Column 2) (Column 3) RATE (\$) ADDITIONAL FEE (\$) ADDITION	If the difference in column 1 is less than zero, enter "0" in column 2.							TOTAL				TOTAL	-	<u></u>
CLAIMS REMAINING AFTER AMENDMENT Total OT CFR 1.16(1) Total OT CFR 1.16(1) Total OT CFR 1.16(1) COlumn 1) CLAIMS REMAINING AMENDMENT PREVIOUSLY PAID FOR TOTAL ADDITIONAL FEE (5) X\$ 25 X\$ 25 CR X\$50 = X100 = CR TOTAL ADDIT FEE OR TOTAL ADDIT FE	APF	PLICATION	ON AS A	AMENI	DED - PART	. 11								·
REMAINING AFTER AMENDMENT PREVIOUSLY PRID FOR PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR TOTAL ADD'L FEE (\$) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0)) COdumn 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT PAID FOR PRESENT PRESENT ATTOTAL ADD'L FEE (\$) COMMENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0)) CLAIMS REMAINING AFTER AMENDMENT PRESENT PRESENT EXTRA TOTAL TOTAL ADD'L FEE (\$) RATE (\$) ADD'L FEE (\$) ADD'L FEE (\$) RATE (\$) ADD'L	-KS-Q) (Column 3)	7 r	SMALL	ENTIT	.Y	OR			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) + 180= OR + 360= TOTAL ADO'L FEE (Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AFTER AFTER AMENDMENT TOTAL OR ADO'L FEE RATE (\$) ADOI- TIONAL FEE (\$7 CFR 1.16(j)) ADDI- TIONAL FEE X\$ 25 = OR CR ASSO = OR ASSO =	3	AFT	TER	***	NUMBER PREVIOUSL			RATE (\$)	no	NAL		RATE (\$)	ADOI TIONA FEE (1	AL.
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) + 180= OR + 360= TOTAL ADO'L FEE (Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AFTER AMENDMENT PREVIOUSLY PAID FOR Independent Total (pt cfr 1.16(j)) Total (pt cfr 1.16(j)) Minus TOTAL ADO'L FEE OR ADO'L FEE OR TOTAL OR ADO'L FEE OR OR ATE (\$) ADO'L TIONAL FEE TOTAL OR ADO'L FEE OR OR ATE (\$) ADO'L TIONAL FEE TOTAL OR ADO'L FEE OR OR TOTAL OR ADO'L FEE OR OR OR TOTAL OR ADO'L FEE OR	(37 CFR 1.16(i))	10	P		2			X\$ 25 _			OR	X\$50 =	1	<u>~</u>
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) + 180= OR + 360= TOTAL ADO'L FEE (Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AFTER AMENDMENT PREVIOUSLY PAID FOR Total (17 CFR 1.16(j)) Total (17 CFR 1.16(j)) Independent Minus TOTAL OR ADO'L FEE OR ADO'L FEE OR TOTAL OR ADO'L FEE OR OR ATE (\$) ADO'L TIONAL FEE TOTAL OR ADO'L FEE OR OR ATE (\$) ADO'L TIONAL FEE TOTAL OR ADO'L FEE OR OR TOTAL OR ADO'L FEE OR OR TOTAL OR ADO'L FEE OR OR TOTAL OR ADO'L FEE OR OR OR TOTAL OR ADO'L FEE OR	(37 CFR 1,1dm))		Minus **		10	*		X100				X200	 	
(Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENOMENT PREVIOUSLY PAID FOR Total (37 CFR 1.10(i)) Independent	Application Size Fee (37 CFR 1.16(s))										OR	-	-	
Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR TOTAL ADD'L FEE OR TOTAL ADD'L FEE OR ADD'L FEE OR ADD'L FEE OR ADD'L FEE TOTAL ADD'L FEE OR ADD'L FEE OR ADD'L FEE TOTAL ADD'L FEE OR ADD'L FEE TOTAL ADD'L FEE OR ADD'L FEE TOTAL ADD'L FEE OR ADD'L FEE TIONAL FEE (5) TOTAL ADD'L FEE OR ADD'L FEE OR ADD'L FEE TOTAL ADD'L FEE OR ADD'L FEE TIONAL FEE (5) T	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(1))							+180= .			OR	+360=		
(Column 1) (Column 2) (Column 3) CLAIMS REMAINING AFTER AFTER AMENDMENT Total G7 CFR 1.14(ii) Independent (Column 2) (Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR PRESENT EXTRA RATE (3) ADDITIONAL TRONAL FEE (3) X\$ 25 OR X\$50 OR X\$50	HI FORM - IN IN						•				• •			
REMAINING AFTER AMENDMENT Total D7 CFR 1.14(1)) Independent REMAINING AFTER PREVIOUSLY PAID FOR PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA RATE (\$) ADDI- TRONAL FEE (\$) OR X\$50 =		Ţ-			(Column 2)	(Column 3)		-					***************************************	
Independent • Migus ••• OR X\$50 •		REMAII AFTE	NING : ER MENT		NUMBER PREVIOUSLY PAID FOR			RATE (\$)	TION	IAL		RATE (\$)	ADDI- TIONAL	. 1
Minute 1000	Q7 CFR 1.16(3)		'	Minus		•		X\$ 25 .			OB	X\$50 -	122 (3)	一
1 \ \(\tau \)	(37 CFR 1,16(h)).					•	<u> </u>	X100.					·	-
Application Size Fee (37 CFR 1.16(s))	Application Size	Fee (37 C	FR 1.16(s	5))			1				OR \	₹	**************************************	_
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0)) +180= OR +360=	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(1))							+180=	· · · · · · · · · · · · · · · · · · ·		OR .	+360=		\dashv
TOTAL OR TOTAL	•										L			7
* If the entry in column 1 is less than the entry in column 2, write "o" in column 3. "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	" If the entry in co	lúmn 1 is k	ess then the	se entry	in column 2, with	• "0" in column 3.		<u>L</u> .				AUL FEE	•	1

sty Paid For IN THIS SPACE is less than 3, onter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, . including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.